OPERATOR'S MANUAL 62131

INCLUDING: OPERATION, INSTALLATION & MAINTENANCE

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(REV. 05)

SELF EVACUATING OIL DRAIN

READ THIS MANUAL CAREFULLY BEFORE INSTALLING, OPERATING OR SERVICING THIS EQUIPMENT.

It is the responsibility of the employer to place this information in the hands of the operator. Keep for future reference.

OPERATING AND SAFETY PRECAUTIONS

⚠WARNING EXCESSIVE AIR PRESSURE. Can cause explosion resulting in severe injury or death.

- **Do not exceed the maximum inlet air pressure as stated on the model plate.**

⚠WARNING EXPLOSION HAZARD. Can cause serious injury or property damage.

- **Do not use near open flame or heat source.**
- **This product is not designed for working in explosive environments, including those caused by fumes and dust, or near flammable materials.**

⚠WARNING HAZARDOUS MATERIALS. Can cause personal injury or property damage.

- **Do not use for volatile fuel and fluids.**
- **Obtain Material Safety Data Sheets on all materials from the supplier for proper handling instructions.**

⚠WARNING HIGH PRESSURE AIR. Bypassing, modifying or removing the safety / relief valve can cause serious injury or death. Do not bypass, modify or remove the safety / relief valve. Do not direct air stream at body.

⚠CAUTION Be certain all operators of this equipment have been trained for safe working practices, understand it's limitations and wear safety goggles / equipment when required.

- **Do not use for structural support.**
- **Disconnect air supply when not in use.**
- **Use only genuine IR replacement parts to assure longest service life.**

GENERAL DESCRIPTION

Model 62131 is a waste oil container which stores up to 20 gallons (75.7 liters) in an ASME certified steel tank and rapidly discharges using air pressure. The unit is equipped with a safety relief valve which prevents over-pressurization and a 4-3/4" x 20-1/2" (12.0 cm x 52.0 cm) drain funnel with a filtering screen and a telescoping tube. The tank has (2) rigid casters and (2) swivel casters for easy maneuvering. It also includes a sight gauge and an oil shut-off valve.

OPERATION

1. To raise the funnel: Grasp the upper portion of the (5) tube, loosen the (6) thumb screw and raise the funnel and tube to the desired height. Tighten the (6) thumb screw and release grasp on tube.
2. To lower the funnel: Grasp the upper portion of (5) tube, loosen the (6) thumb screw and lower the funnel and tube to the desired position. Tighten (6) thumb screw and release grasp on tube.
3. The reservoir includes a sight gauge. Do not overfill the reservoir.
4. To evacuate oil: Lower the (1) funnel. Always connect the discharge hose before connecting air supply. Connect the discharge hose to the (9) oil shut-off valve on the (18) tank. Be sure the (9) oil shut-off valve is fully engaged. Open the (9) oil shut-off valve. **Before connecting the air supply, be sure that the inlet air line pressure is regulated at no more than 70 p.s.i. (PMAX).** Connect the air supply to the (10) air manifold. **Never leave the unit unattended during evacuation.** Close the (12) air shut-off valve immediately when the tank is empty. The discharge hose will begin to shake when the (18) tank is empty. Disconnect the air supply to the (10) air manifold. Close the (9) oil shut-off valve. Slowly open the (12) air shut-off valve to depressurize the system. System must be depressurized before returning to service. Disconnect the discharge hose from the (9) oil shut-off valve on the (18) tank. Periodically remove and clean the (2) funnel screen as necessary.
5. (17) safety relief valve may discharge during evacuation.

DATA

Weight		105 lbs (47.6 kgs)
Recommended Air Operating Pressure		20 - 70 p.s.i.g. (1.38 - 4.83 bar)
Capacity		20 gallons (75.7 liters)
Height	(lowered)	52 in. (132.08 cm)
	(fully extended)	73 in. (185.42 cm)
Tank Diameter		16 in. (40.64 cm)

Figure 1

FLOAT VALVE SERVICE PROCEDURES

1. Depressurize system before and during servicing.
2. Wear appropriate safety equipment during servicing.
3. Remove (1) funnel from (5) tube.
4. Remove (6) thumbscrew from (7) collar.
5. Unbolt (30) handle and remove from the (18) tank.
6. Loosen the (7) collar and remove the (5) tube from the (18) tank.
7. To loosen the (7) collar, it may require the use of an industrial heat gun to soften the pipe thread sealant on the (7) collar thread.
   a. WARNING - Do not use an open flame.
   b. WARNING - Be sure the tank vents are open during service.
   c. WARNING - Keep heat away from product labels.
8. Use a large spanner wrench or 12" pipe wrench to remove the (7) collar.
9. Secure tank when removing the collar.
10. Remove the (27) roll pin and the (25) ball from the (26) seat.
11. Remove the (26) seat by unscrewing the seat from the (5) tube.
12. Remove debris and particulates from the (27) roll pin, (25) ball and (26) seat using mild detergent and water.
    a. WARNING - Do not use solvent, as this may damage the ball.
13. Before reassembly, apply PTFE tape to the (26) seat threads.
14. Assemble in reverse order. Apply Loctite PST or equivalent pipe thread sealant to the (7) collar threads prior to assembly. Tighten securely.
15. Test all joints for air leakage prior to putting drain back into service.

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62131 PARTS LIST

Item	Description (size)	Qty	Part No.
1	Funnel (includes item 4)	(1)	96546
✶ 2	Funnel Screen	(1)	96547
3	Set Screw (M6 x 1 - 6g x 5 mm)	(1)	
✶ 4	Wing Nut (3/8" - 18)	(1)	
5	Tube (includes items 3, 6, 7 and 25 - 28)	(1)	96281
6	Thumbscrew	(1)	
7	Collar	(1)	
8	Hose Assembly (3/4 - 14 N.P.T. male)	(1)	628094
9	Oil Shut-Off Valve (3/4 - 14 N.P.T.)	(1)	10559433
10	Air Manifold Ass'y (includes items 11 - 16)	(1)	10559482
11	Air Line Connector (1/4 - 18 P.T.F. male)	(1)	
12	Air Shut-Off Valve	(1)	
13	Manifold Block	(1)	
14	Vent	(1)	
15	Nipple (1/4 - 18 N.P.T.)	(1)	
16	Pipe Plug (1/4 - 18 N.P.T.)	(1)	
17	Safety Relief Valve (80 p.s.i.)	(1)	72062185
18	Tank	(1)	10559649
19	Rigid Caster	(2)	10559466

Item	Description (size)	Qty	Part No.
20	Swivel Caster	(2)	10559474
✶ 21	Cap Screw (5/16" - 18 x 1")	(16)	
✶ 22	Washer (5/16" i.d.)	(32)	
✶ 23	Nut (5/16" - 18 NC2B)	(16)	
✶ 24	Float Valve Kit (includes items 25 and 27)	(1)	67351
✶ 25	Ball (1" diameter)	(1)	
✶ 26	Seat	(1)	
✶ 27	Roll Pin	(1)	
✶ 28	"O" Ring (1/16" x 1-5/8" o.d.)	(1)	
✶ 29	Oil Site Glass (1 - 11-1/2 N.P.T. male)	(1)	97330245
30	Handle	(1)	10559458
31	Screw (1/4" - 20 x 1/2")	(4)	Y6-41-C
32	Warning Label	(1)	96261
	ACCESSORIES		
	Transmission Tray		96268
	Tool Tray		96269
	Oil Drain Accessory Kit		621603-6

✶ Items not shown.

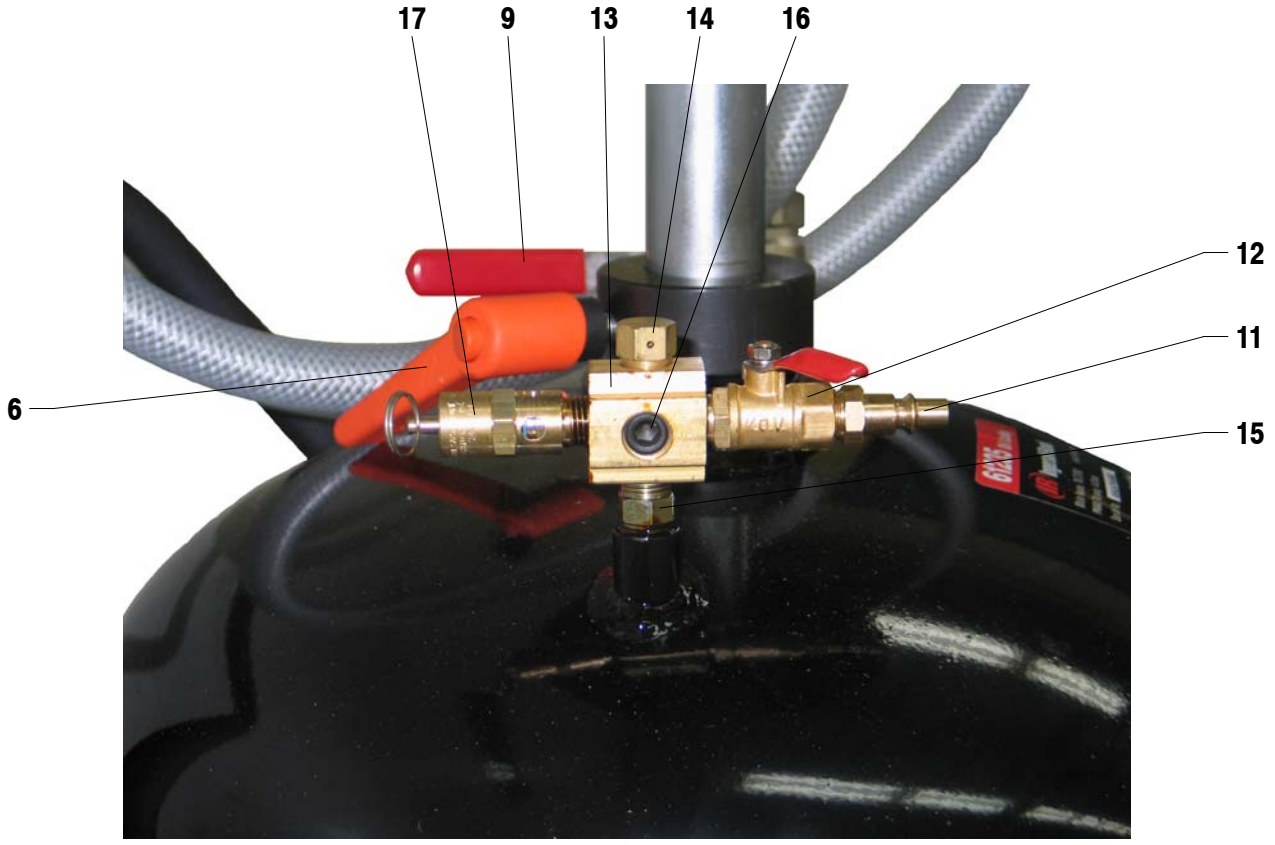

Figure 2